

SPARK GAP TIMES

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PY1AFA	AA2GN	W3GEZ	K4FVI	NA4X	W5TEH	W6HVR	K8BV	W8BHT	W9SG
W1ALE	K2GYX	W3GN	K4FW	KC4XA	W5TOO	N6IE	W86VPY	W8BIF	W89T
W1AM	W2HD	N3GOZ	W4GOV	W4YE	K5TQN	KH6IHY	K6VU	W8BMJ	W9TAL
W1AVY	W2HI	W3GY	K4GVG	AC4YP	KA5TUF	W6IL	W6VX	W8BQD	WB9UAD
JP1BJR	W2HX	W3HGD	K4HDV	W4YQN	WW5U	W6ISQ	W6WHM	W8CC	WB9UAE
W1BVL	W2HXG	N3HWA	KJ4HQ	W4ZC	W5UBU	A6J	W6WIS	W8CCN	W8UCT
W1CJK	K2IC	W3IUR	AB4HR	W4ZCT	W5UJA	W6JOJ	W6WXU	W8CJT	W9UEM
W1CTF	W2ICE	VK3JI	K4HVI	W4ZJV	W5UO	W6JTA	W6XM	W8CU	W9YZE
W1CTN	KD2IN	KA3KUA	W4HVM	K5ABD	W5UP	W6JU	K6Y	W8CWY	SV0AA
W1DMH	WB2IRB	W3KVS	W4HYW	W5APX	W5URI	W6JXD	W6YHM	W8CZR	AA0AE
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W1EFW	N2JAV	VK3LC	W4IWW	W5AYL	W5UY	DL6KG	DL6ZB	N8DR	W0BQ
W1EOF	W2JBL	W3LIR	W4JD	N5BAK	W5UZW	W6KMC	K6ZE	W8DWT	W0BWJ
W1EXZ	W2JQS	DL3ME	KD4JGT	GM5BDO	W5VJW	DL6KP	W6ZF	W8DX	KF0E
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W1LTS	N2PLE	W3RMQ	K4MR	W5GPJ	W6BPA	W6NKE	W7BQG	W8MFP	W0LV
W1LZW	KC2PS	W3TFA	AC4ND	KA5HCX	K6BPB	W6NKR	W7BYK	W8NCD	K0MG
W1MB	W2QBR	W3TI	W4NEX	W5HEN	K6BTO	W6NPN	W7CBA	K8NUJ	WB2OFF
W1MGP	W2QCV	W3U	K4NF	W5HQA	N6BUI	W6NVN	KL7DG	W8OK	W0OY
VE1OC	KE2QM	W3UHV	K4NP	W5IB	W6CAR	N6NWR	DL7DH	W8OVD	N0OYH
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W1PCD	W2RFY	KB3UK	W4NWF	K5INE	K6CD	WY6O	K7EK	N8PRB	W0RAL
W1PEX	WA2RGU	VE3VTC	W4NXX	W5INL	AB6CF	K6QJO	W7EM	N8QG	W0RLS
K1POM	W2RHS	N53W	WB4ODL	W5IRP	W6CF	W6ONK	W7ER	W8ROV	W0RSW
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W1SK	K2SWZ	N3WW	W4OMG	W5JNK	W6CRG	W6PA	W7GB	W8SK	N0STR
W1SOV	W2TLC	DL3WX	W4OTN	W5JYK	K6CX	W6PHC	N7HID	WB8SNH	SM0TRT
W1TTY	NY2V	AA3Y	K4OV	KV5K	N6CX	K6PJF	W7ITG	W8SSZ	W0UCE
W1UQ	W2VDE	VK3YL	N4OZN	W5KL	KO6D	K6PO	W7IV	OZ8T	W0UGP
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WD2ADT	W2WCT	K4AHS	WA4QJE	W5MC	W6DIX	W6QHD	W7LLS	W8TWB	KB0ZE
W2AMS	W2WSE	W4AUP	K4QM	W5MD	W6DQ	W6QHL	W7LVB	W8VZE	
W2AUF	W2WSS	W4BCI	ON4QN	K5MMP	W6DQO	W6QLO	W7LVN	KD8WP	
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W2DMS	K3AU	W4COW	VK4SS	W5OZY	DL6FBQ	W6SMD	K7QV	K9EAT	
N2DSX	VE3BAZ	WC4D	N4SU	N5PEN	W6FCD	K6SS	KB7RFE	HB9ER	
W2DX	AA3BE	KQ4DD	K4SV	W5PJX	N6FIS	WA6TAL	W7TG	W9HOT	
W2EEQ	W3BRX	W4DH	W4SZ	W5PV	W6FJT	AB6TB	W7TW	W9IH	
W2EFI	W3BY	WB4DJM	W4TG	KB5QFA	W6FMK	W6TD	W7UNE	W9IPO	
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AA2EN	KE3CK	W4DXB	W4UKA	W5QKR	W6FU	WA6TFR	N7VJT	W9JUV	
W2ENF	VE3CNP	K4EF	KD4VBR	W5QXM	N6FVJ	W6THU	N7VOI	KF9JZ	
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AA2FJ	W3DB	W4ER	W4VS	NG5R	W6GG	W6TMY	W7YU	W9MOL	
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W2GB	WA3EXX	N4FL	W4WBQ	W5RQH	W6HDT	W6UUC	KS8B	W9QXR	
K2GBR	KE3EZ	AB4FQ	W4WNY	W5SBH	W6HNI	K6UYK	WV8B	W9REC	

**658
Mbrs**

OOTC

Founded, 1947

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SPARK-GAP TIMES

Journal of the Old Old Timers Club

Volume 30, September, 1993 No. 5

SGT

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EDITORIAL MUSINGS

With the date almost upon us that will essentially put the end to CW in the commercial communications systems, we have been wondering if we as OOTC members should not begin a low-key, but consistent program to encourage amateur radio operators to spend some time on a regular basis, operating CW. Now, it should be emphasized that our opinion is that Society as a whole simply will no longer pay the price (even though it is very low) of learning the code as a condition of getting an amateur license. It is easy to understand their reasoning - "it is obsolete, I am on packet, on the satellites, heavy in computers and simply cannot afford the luxury of learning code". Arguments to the contrary fall on deaf ears and the upsurge in new licenses that has occurred since the 1991 action rescinding the code requirement for a license certainly tends to support the opinions of those who wish to get an easy amateur license.

Never the less, every member of OOTC at this point, has had some degree of proficiency in the use of code transmissions. If each of us spent a few minutes each week on CW it would liven the bands up a great deal. And, many of us know, from first hand observation that when the going is really rough, CW is the last resort for emergency communication.

Now it is not my point to try to say that you or I will ever be a diver, pounding on the side of a disabled submarine, attempting to contact those inside with news that help has arrived; or that we will be pounding on pipes to get word of help to the guards inside a prison during a riot. But, let me give you an illustration that is very personal and is living now. On June 3, I lost my voice. So far the doctors have not been able to isolate the cause. There is reason to believe that help will come, but at present, most of the time I can only whisper - you may have heard me on the telephone if you called HQ. Well, blessed CW came to the rescue. I can check into the nets, I can talk loudly and clearly to friends across the world with CW! Think of the blessing if a cure or relief is not forthcoming - I will still be able to communicate with others. You can be certain that to me, CW came through in the pinch! Who can foresee emergencies that might arise, whether or not they might affect you, or me or someone else. To be prepared is just common sense. If you know the code, you are unique! Keep the ability to use it alive! Encourage others to learn and to do the same!

Let's boost CW operation at every opportunity and encourage our newly licensed amateurs to learn the code and to use it. It is easy, and it doesn't take but a few hours to have one to the point that he/she can communicate, if slowly! It is the mainstay of our heritage as Amateur communicators, the one thing that sets us apart from all others. We must not throw up our hands and walk away. Do our boosting in a low-key way, no hell-fire and damnation stuff. CW proficiency is something to be proud of, it is an art form, it is something that might, as it has in the past, in certain circumstances save a life. It's worth our time to see that it stays as an active and lovely part of the amateur communicator's tradition.

Many Many promising reconciliations have broken down because, while both parties came prepared to forgive, neither party came prepared to be forgiven!

SPARKS EDUCATIONAL FUND NEWS

It is with a great deal of pleasure that we can announce that funds have been received sufficient to give us a minimum Award as either a grant-in-aid, or as a scholarship for the year 1994. A report on the matter appears elsewhere in this issue of SGT. What I really wanted to say here is simply that we are overwhelmed by the support of members for this worthy cause. We very humbly say - THANK YOU for your confidence and for your support. We shall continue to ask those who afford the cost, to contribute to the Fund. We will want to be able to insure that we can carry on for at least 3 years, and if possible, make the Awards of even a higher dollar value to those receiving them. Incidentally, gifts of any size are welcome. All will be acknowledged in SGT but we will, in the future not indicate the size of gifts. Some who may have only a few dollars to spare should not feel embarrassed at their inability to give larger sums. The size of the gift is not so important as the willingness and desire to participate! Bless each and all of you!

BOARD OF DIRECTORS AMEND THE BY-LAWS

We had received comments regarding the By-Laws adopted in July, 1993 regarding election of Officers. As you know, the Board members are elected by membership living in each of the 10 FCC districts. Officers are then elected by the Board of Directors. The By-Laws had specified that the Officers would be elected only from the Board membership. There is some merit to that plan, but comment to us indicated that it seemed unduly restrictive since it might, in some cases make a gifted and willing member ineligible to serve as an Officer. Accordingly, President Gartsman suggested that the By-Laws be modified to make possible election of members at large as Officers of OOTC. Article III, Section 2 was re-written and submitted to the Board members for a vote. The amended Section 2 was adopted by Board action during the last week of August. The amended version appears on page 12 of this issue of SGT.

OOTC HAS A NEW INTERIM TREASURER

Due to a very heavy work schedule at HQ, we had asked to be relieved of the work as interim Treasurer, filling out the unexpired term of Wesley Randles, W4COW, who resigned in March, 1993. President Gartsman asked that the Board re-assign the work to Lee Knirko, W9MOL to serve until December 31, 1993. A ballot was sent to Board members who endorsed the proposal. Transfer of the responsibility is going forward at the time of this writing. Thanks are extended to President Gartsman, to the Board and To Lee, W9MOL!

OOTC MEMBERSHIP ROSTER

HQ has been working on this matter since June 30. The work is done with exception of a couple of pages of introductory material. Since it has taken so very long to get all of the processes organized and the pages printed, we have continued to enter new memberships and changes of address submitted by members to the present time. The Roster should be in the hands of the printer as you read this announcement. The actual cut-off date for entering information was set at August 31, 1993. We are proof-reading at present, hoping to cut errors to a minimum. In this work we have been assisted as we are always assisted by Ralph Cabanillas, W6IL, who has spent many hours checking information. His help has been invaluable. We ask that you bear with us. There are bound to be errors. We hope they are few, and of little consequence. If not, it certainly wasn't from the lack of trying. The Rosters contain a printing of the OOTC Constitution and By-Laws, as amended, to August 31, 1993. The Rosters will be sent to all OOTC members who are in good standing at the time the publication is delivered to our office. The project has been costly in time, effort and money. Because of the cost of printing, we have made only a minimal over-run of Rosters. If you don't get a Roster, as long as they last you may receive one by paying a minimum of one years dues. They will be mailed at the lowest possible postage cost!

OOTC MEMBERSHIP CERTIFICATE MODIFIED

For about two years now the OOTC Certificates have been processed by HQ using a LeRoi set to hand-letter pertinent information for each certificate issued. This has been a slow process, and with the shaking of the Secretary's hands, hasn't always been as nice as we would like. The Certificates were printed on heavy paper, slightly thicker than postcard stock. We programmed our equipment here to process the Certificates through our laser printer, but ran into a problem since the laser would not accept the heavy cardboard stock. Accordingly, new Certificates have been printed, on parchment type stock, very attractive, and sufficiently flexible to feed through the NEC laser. The result is a nicer looking Certificate and well worth the trouble, we think!

W2HD Recognized at Dayton Hamvention

OOTC Member, Harry J Dannals, W2HD, received some well earned recognition this year at the Dayton Hamvention. In thinking about what to write about it, time slipped by and we didn't get anything written. In an effort to rectify that error, we thought we'd just put down some personal thoughts about this human dynamo based on personal observation!

I first met Harry at the Flamingo Inn, Las Vegas, in 1972 during the SAROC Convention. Our meeting was brief, and I doubt that he recalls. We were both sort of wandering around in a lobby-like area, and I recognized him since he had only recently been elected President of

ARRL. We said hello and that was about it. In the years following 1972 I had the opportunity to attend many ham conventions across the country, working as a field engineer on Broadcast antennae, I was constantly travelling. I was impressed to see, and note the presence of Harry at the ARRL booth at many of these conventions. He was on his feet, working, meeting and visiting with existing and potential ARRL members. One could easily observe that, if his feet hurt, he said nothing about it. He Stayed on the job! He may have wandered into the Hospitality Suite, but if so, I never saw him there.

In 1973 he and wife Kay travelled to Dallas, Texas to take part in our ARRL Convention. Lord only knows how many times they did this for Convention Committees across the country, but it had to be many. He was President of ARRL during some trying times for the Organization and brought it through with honor and distinction. The entire amateur fraternity is in debt to Harry and Kay for their unselfish contributions to the Art.

Harry has the reputation of coming to the point when he feels strongly about something. In 1990, while he was serving his first term as President of QCWA and preparing a President's message for inclusion in the QCWA Journal, at least one of these messages received an extra dose of W5EJ spelling expertise(?) and Harry was, to put it mildly, upset. Getting me into a corner with him he pointed out that if my word processor didn't have a spell-check mode, to get one that did. He didn't like to give the impression that he couldn't spell. Harry was not convinced by my argument that the problem was that he simply was not aware of the newer changes in sentence formation and spelling.

I have wondered, and never asked him a question which still nags at me. His father, W2GG was a popular and very active pioneer ham, and maybe a romantic too . . . Harry's name is: Harry James Dannals. I have wondered if Harry's father was as thrilled by the exciting trumpet of Harry James, musician, as so many of us were, and that our Harry was named after the musician who gave us such spectacular music.

In a final word, thanks to you, Harry, and to Kay, and the family, for the contributions you have made to the welfare of the Amateur Fraternity!

CARRIED TO FOURTEEN DECIMAL PLACES!

In recent months, even say the past four or five years, we have been interested in the exotic computer software programs which calculate theoretical directional antenna system radiation patterns. While our experience has been mostly with vertical radiators, as used in standard broadcast arrays, the same rules apply to all systems, even if the configuration is different. When we entered the game (1940) the art of projecting theoretical patterns was quite well developed. There were no computers and so the work was carried out by means of special charts, or tables and a slide-rule. Cosine values were looked up in tables and arithmetical procedures would permit one to develop the horizontal and vertical patterns of various antenna arrays. Aside from extensive paper work, and possible errors, it was not difficult. At first, the arrays nearly always consisted of two towers - largest we ever worked on had 16 towers. Computing a pattern was quite easy, but it was something else to compute the base-driving impedance for the towers. However, we were always able to make the arrays designed perform

as predicted. I think one comment at this stage might be appropriate. Don't for one second, believe that because you can calculate by computer a multiple element array radiation pattern to 14 decimal places, that using the simplistic building & adjusting approaches I have read in amateur publications that you will achieve the pattern printed from the computer study. Calculating a pattern is 'duck soup' - I can say without fear of conflict, that an average high-school student can be taught to do that in a very few hours. Making adjustments and proving a pattern is not so easy, requiring that the relative magnitude and phase of the current flowing in each element be accurately known. The adjustment and proving procedure requires one to use great care and the best available equipment. Yagi's and other parasitic antenna systems are possible exceptions!

From some discussions we have had with amateur friends, we gather the impression they visualize that in some way, the towers of an antenna array system combine to radiate a given pattern - that is, say a cardioid for a two-tower array. Well, it doesn't work that way. For any array each tower radiates an essentially omni-directional pattern. The directional antenna system pattern is developed as the result of the combined magnitude and phase of the fields from each tower, as they are added at each point at which field measurements are made, or a receiver located. It is generally assumed, neglecting external problems, that the measured field will represent the array radiated field, at any bearing, when the combined fields from the systems towers are sampled at a distance of at least 20 times the spacing between the most widely separated towers of the array. This requirement stems from the need for the array to appear as a point source, so that the path from each tower to the point of measurement will be essentially parallel with that of every tower in the array. Let's have a bit of brain dusting - How about a little problem to mull over? Lets take a single element quad antenna - just a one-turn loop, having four sides, or sections, each $1/4$ -wave long, fed at the center of the lowest horizontal wire. Everyone knows that this antenna radiates a horizontally polarized field. Tell us why this is - after all, it has just as many sections oriented vertically (2) as it does horizontally (2). If you decide to send your answer to HQ, be sure to send a little sketch, or something to help us clearly understand your reply. We'll discuss the matter in the January SGT!

WILL A. SHAW, W5ARV TO THE RESCUE

Most all are aware the OOTC is attempting to get itself in a position to achieve a Not-For-Profit status under the IRS classification 501 (c)(3). We are working in that direction from the standpoint of our historical work and as sponsors and administrators of a Educational Assistance Fund. Through the support of many OOTC members, we have accumulated sufficient funds to make our first Educational Award late this winter to be placed in 1994. You can imagine the thrill we received from a letter written by Will, who is an Attorney and CPA. Will has indicated that he will work with OOTC to see that material is properly prepared and filed with the IRS. This will go a long way to insure our chances of obtaining the desired classification. A copy of Will's letter to us was sent to all OOTC Officers and Directors advising them of his willingness to help. All we can say is, "Bless him".

A VISIT FROM AUSTRALIA

The month of July brought a pleasant surprise. We received a call from Alf Chandler, VK3LC and his wife, Elise, who had arrived in Dallas. We had, earlier received a card from Alf telling us that they might just be coming this way but had figured that they wouldn't make it. Well, we were wrong! What a pleasant day we had. We picked them up at their Hotel near the Airport and came here to HQ where we spent some time getting acquainted and just visiting. Since we don't have much in the way of entertainment here, it was suggested that we take a trip around the Dallas area, see points of interest, and just sort of tour around. We did this and had a great time. We were able to show them a few spots of interest and following a big circle tour we decided it was time to have a bite to eat. Well, Elise turned out to be a fan of one of our fast-food places, Arby's. She had the menu down pat, and when we located one, all went in and had a good time eating and continuing our visit. When we arrived back at HQ we were pleased to see Ruth Chance White, K5YL and her husband Ebbie had driven over for the chance to meet and visit with Alf and Elise. Both Alf and Elise are lovely people, we felt like we had known them both for many years. It was a great visit and we thank them for giving us the chance to get acquainted!

ELECTION OF DIRECTORS FOR DISTRICTS 2,4,6,8,0 FOR 1993!

During the past several months, nominations for the offices of Director, in OOTC have been made, and the proper endorsements required were made to validate the nominations. Directors have been nominated and endorsed for all of the Districts. The 2nd District saw the nomination of two candidates. We were proceeding on the assumption that a ballot for the 2nd District election would be needed, and were preparing it when we received word from Harrison Moore,

The Election came and went without a ballot being cast!

W2JQS, who has been serving as Director, that he wished to withdraw his nomination in favor of David Winter, W2AUF. While no reason was given for Harrison's action, we know that he has a fall season of work that will keep him busy as a one-armed paper hanger. Accordingly we have written a note of acceptance, and have withdrawn his name from the list of candidates. This then leaves us with a slate of one candidate nominated and endorsed for each District. Nominations closed on September 1, 1993, and as a result, the election came and went without the need for a ballot being cast. In accordance with OOTC policy, all candidates for the office of Director are hereby declared to have been elected.

It should be noted that the full Board of Directors, i.e., those presently serving for Districts 1, 3, 5, 7, 9 together with the newly elected Directors will hold one official syllabus meeting in November. They will be asked to propose and elect Officers who will serve with them at the beginning of their January 1, 1994 terms. Rules regarding the election of Officers are listed in Article III, Section 2, of the OOTC By Laws. Newly elected Directors are:

David Winter, W2AUF Robert Bookwalter, W4NWF Harry Gartsman, W6ATC

John Hoffer, Sr, W8CWY Leo Meyerson, W0GFQ

DUES NOTICES SENT!

Early in September HQ sent out notices to all members whose OOTC dues expire between now and the end of the year and, all whose dues have expired during the past few months. Each notice was accompanied by a self-addressed envelope to make it easy to submit dues. In the event you received such a notice and your dues were not really due, drop us a card, read the riot act and we'll get things straightened out quick!

THE OOTC SPARKS EDUCATIONAL ASSISTANCE FUND REPORT

Response to the request for sufficient gifts to permit OOTC to make an Educational Assistance Award before the years end, 1993 have been outstanding. The following list of members have pledged or contributed \$50 for each of the years, 1993, 1994 and 1995. This will provide a minimum Award of \$750 annually for three years, and we are hoping that gifts will continue to come in and to provide either additional years of Awards, or to increase the amount to be given for each Award. In our first announcement and request, it was stated that those who could comply with the request, without personal hardship, would form the Committee who would administer the Awards. As we have since mentioned, we have been making inquiries among various educational facilities to determine the best way we could go to insure that worthy students receive the gifts and at the same time keep the problem of making the decision something that we could handle. That investigation is not quite complete, but we expect to be able to put options before the Committee soon - soon enough that they can take action before years end. To all who are working, and have contributed to the OOTC activity, Bless you, stay healthy!

SEAP COMMITTEE MEMBERS

W6IL 1206 CABANILLAS, RALPH JR
 W4GOV 2555 CALE, JOHN CARTER
 WB9UAD2089 STEVENSON, PAUL M
 W1UQ 3027 BARDFIELD, MORTON
 W6DIS 2388 ZERVANTIAN, M C
 K5TQN 3068 AMANN, LAWRENCE F
 KE0KI 2747 JOHNSON, GERALD L
 W5EJ 1263 HEITHECKER, TED
 W3LIR 1439 ANDREWS, BURTON H

W4NWF 1750 BOOKWALTER, ROBERT
 W5KL 1214 SMITH, LELAND W
 W9NZF 1729 LINN, FRED A
 W7LLS 2246 PETERSON, MERLE B
 N6IE 2049 FERRANTO, FELIX L
 W6--- ANONYMOUS DONOR
 W0LDF 2905 SMITH, RALPH L
 AA3BE 3055 HARRIS, CHARLES A
 KP4BJ 2685 MAYER, GEORGE E

It may be possible that some will not wish to take part in administration of the Awards. If so, just drop a postcard to HQ and let us know. We will still keep you on the mailing list so you'll know what is going on.

Gifts have been received from K4FVI, W0RLS, W2MJP, W3CGZ, W9IH and W2WSS. Gifts in any amount are welcome!

Members newly enrolled in OOTC - July 1 - August 31, 1993

NEMETZ, GERALD E	W4NEX (3150)	Ted Heithecker, W5EJ
BROWER, GLENN H	K6AWC (3151)	Ralph Cabanillas, Jr., W6IL
COOK, LEW	W0FWW (3152)	W5EJ
EKBLAD, ALEX	W2HI (3153)	Robert Bookwalter, W4NWF
BOYD, RICHARD	KD4VBR (3154)	Robert McDow, W4KOG
SHERER, FRANK S	N0STR (3155)	NI
LUSTER, JAY	W6QHD (3156)	Jim Evans, W6EFB
MOORE, KENDRIC A	W6WIS (3157)	Fred Hansen, W6SMD
EVANS, DICK	W7BBW (3158)	W5EJ
WALSH, JAMES C	W7LVN (3159)	Ralph Cabanillas, Jr., W6IL
COBB, LES	W6TEE (3160)	Verna Cobb, W6JOJ
DENGLER, WILLY	DL3WX (3161)	Gerhard Hoffmann, DL7PH
PAUL, FLOYD A	W6THU (3162)	Duncan Creamer, W1GAY
DICKERSON, LEWIS W	K6BPB (3163)	W5EJ
BUCH, WALTER	DL9KA (3164)	Gerhard Hoffmann, DL7PH
CONNELL, RALSTON H	W2VDE (3165)	W5EJ
HENNEBERRY, WILLIAM P	KN2X (3166)	Harrison W. Moore, W2JQS
BIRD, WILLIS TERRY	W4WUL (3167)	Ruth Chance White, K5YL

**Members Paying the OOTC Fee
for two years**

ROGERS, GEORGE D	W1AVY 128
PRATT, DANA	W2QCV 1012
CHAFFEE, MILTON E	W1EFW 1445
HIPKENS, THEODORE P	W3FFB 1597
OTZEN, BORGE	OZ8T 1633
MARTIN, RONALD G	W6ZF 1844
CHAMBERS, WILLIAM E	W7BYK 2096
TRAINA, JOSEPH	W5NJ 2311
WEBB, EDWIN M G	W9IPO 2320
WILLIS, ARCHIE R	W6LPJ 2478
MILLER, WILLIAM R	K2GCE 2480
GETTELMAN, THOMAS R	W9IZO 2498
ENSSLIN, GERHARD F	DL6KP 2878
JUDSON, HAROLD I	N6ZHW 2901
VELMAN, WILLIAM LOUIS	W6CRG 2959
TAUXE, ROBERT W	W6JTA 3006
PERSONS, CHARLES B	WØLOJ 3052
HOLJE, CHESTER	KB7SCQ SUBS
DUNHAM, RICHARD M	W1LCA 3139
BROWER, GLENN H	K6AWC 3151
WALSH, JAMES C	W7LVN 3159
DENGLER, WILLY	DL3WX 3161
BUCH, WALTER	DL9KA 3164

Three Years

HUNT, RICHARD F	KØMG 491
DUCKWITZ, WILLIAM M	W8CJT 877
MITCHELL, GEORGE T	K6ZE 2269
FRIEDMAN, HARRY	W6JXD 2706
FRASER, H B	KA4VXL 2719
OKOCHI, J A MASAHARU	JP1BJR 2752
SCHERMERHORN, HORACE	W1TTY 2782
SCHEFFE, WALTER	W2LPA 2807
MAXWELL, JAMES A	W6CF 2825
ANDREWS, STANLEY T JR	K6MO 3062
KOENIG, EUGENE R	W6HVR 3065

5 or more Years

CHAET, JOSEPH G	W1RGH 2833
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Members who submit dues for a period greater than one year make record keeping easier and reduce the work. We thank them. But, regardless of that, we appreciate the support of all OOTC members. Each and every one give us a boost, and it really helps!

OOTC BY-LAW AMENDMENT

An OOTC By-law has been amended to permit a wider selection of candidates for the positions of President, Vice President, Secretary and Treasurer. President Harry Gartsman responded to comments which pointed out that election of all Officers from the members of the Board seemed like a very restrictive rule and that it certainly would make it difficult to elect a talented and enthusiastic member to official position. Accordingly Article III, Section 2 of the By-Laws was reworded. The modified by-law was submitted to the Board of Directors who adopted the amendment by an 8 to 1 margin. The newly adopted by-law follows. The changes are italicized.

Article III, Section 2, as adopted:

The office of President, Vice President, Executive Secretary and Treasurer are filled by a vote of the the Board of Directors as constituted following election of Directors in odd years. *The officers may be elected wholly, or in part, from the membership of the Board of Directors, or from the official list of members in good standing at the time of the election. Officers elected from membership will not have a vote on matters before the Board.* All officers are elected by a majority vote of the Board of Directors. The Officers shall serve for two years beginning January 1 of each even numbered year or until their successors have been properly elected and installed. There is no limitation to the number of terms an officer may serve. Should a vacancy occur among the Officers or Board of Directors, such vacancy shall be filled for the unexpired term by a majority vote of the Board of Directors.

A word of clarification might be worthwhile. In the case that a President should be elected from membership rolls, he will not be permitted to vote on matters before the Board. This is so since only membership of OOTC can elect a Director. The fact that the Board might choose a member, rather than a Board Member to serve does not make him/her a Director. It is a fact that the Officers are elected to serve under the direction of the Board of Directors! The amendment was approved as of August 28, 1993.

1943/44 FCC ACTIONS REGARDING WAR-TIME AMATEUR LICENSES

All of us are well aware that amateur activity ended at the start of WW-II. The FCC did, however take steps to keep things on an even keel. Since it is now nearly 50 years since Pearl Harbor, a review of some activities might be helpful. At a session of the FCC held in Washington on November 28, 1944 the following action was taken:

WHEREAS, the Commission has, pursuant to Order 115, adopted May 25, 1943, reinstated and extended for a period of three years from their expiration dates the terms of certain amateur radio operator licenses which by their terms had expired or would expire between Dec 7, 1941 and Dec 7, 1944; and

WHEREAS, the wartime conditions which made adoption of the said Order No. 115 necessary continue to exist;

1. Every amateur radio operator license which by its terms expired during the period December 7, 1941 to December 7, 1942, inclusive, but the duration of which has been extended by Commission Order No. 115 for a period of three years from the date of expiration provided therein, is extended for a period of one year from the date of expiration as extended by Order 115.
2. Every amateur radio operator license issued during the period December 7, 1941 to December 7, 1942, inclusive, is hereby extended for a period of one year from the date of expiration provided therein. PROVIDED, However, that the the provisions of this order shall not apply to any amateur radio operator license that has been or may hereafter be finally suspended by Commission order, or voluntarily surrendered by the licensee, nor to any amateur radio operator license who fails or has failed to comply with provisions of the Commission's order No. 75 as amended.
3. The provisions of Section 12.26 of the Commission's Rules and Regulations to the extent such provisions are inconsistent with this order are hereby suspended until further order of the Commission.

The FCC and certain offices in the Army issued operator licenses. These were not registered in any form open to the public and so far as we know, there is no comprehensive listing. Never the less, if you have such a license, it makes you eligible for most any of the Old Timers clubs asking wireless communication a quarter to a half century ago.

OOTC ON THE AIR MEETINGS

Florida Chapter: Saturday, 0800 Local Time, 3955 kHz, with W4NWF as NCS
 Wednesday, 1000 local, 7274 kHz, with W4NWF as NCS

New England Chapter Thursday, 1400 local time, W2EEQ as NCS
 Friday, 1500 UTC, 14115 kHz, CW with W8CCN as NCS

Southern California: Tuesday, 4:30 PM on 3917 kHz with W6NKE as NCS

National CW: Friday, 10:00 AM EST on 14050 kHz with W8CCN as NCS

OOTC Membership Supplies available for purchase!

OOTC Pins - \$3.50	OOTC Jacket Patch - \$5.00
OOTC Membership stamps (125) - \$2.50	
OOTC Decal - \$1.00	

All prices include shipment via first class mail!

21CLUB REPORT

Quite a few OOTC members have taken advantage of the free membership in the 21st Century Club. For those who aren't familiar with it, it is a group of members who are planning on being on hand on December 31, 1999 to take part in a world-wide QSO party in which we will wish each other a Happy New Year on 01/01/2000. At the present time you become a member, receive a numbered certificate of membership, and will receive any news that pertains to the Clubs activities. The Club has no dues - all that is needed is for you to let HQ know you want to be a member. We'll do the rest. The most important thing is, however, up to you. Stay healthy and hang in there, we sure want to have you on hand on that magic day. *Watch for an announcement in the next SGT!*

The following is a list of those who have joined up to September 1. We need lots more!

21C-0001	ARNOLD, HAP	KB4BSO	21C-0050	STOPKA, WILLIAM J	W9IH
21C-0002	CABANILLAS, RALPH JR	W6IL	21C-0051	MATHIAS, CHARLES W	W8KGD
21C-0003	KREAMER, DUNCAN	W1GAY	21C-0052	BURNETTE, WILLIAM D C	W7UNE
21C-0004	BENNOHR, JURGEN	DL1NP	21C-0053	GERBRACHT, G PAUL	W3QPP
21C-0005	MILLER, ROY S	W5FOZ	21C-0054	JOHNSON, KENTON	W6NKE
21C-0006	ADAMS, JAMES M	W5RJK	21C-0055	WELSH, BILL	W6DDB
21C-0007	BREHM, JOSHUA J	AE2L	21C-0056	BERNAT, NORMAN	K2GYX
21C-0008	LIVINGSTONE, THOMAS G	N6FIS	21C-0057	CHARLTON, EL	W5MD
21C-0009	WIEHE, CARL F	W8MFP	21C-0058	SNEDEKER, RUSS	W2EEQ
21C-0010	LYCOS, PETER W	KM8K	21C-0059	DOWNEY, TERRY	W6TD
21C-0011	EVANS, JAMES S	W6EFB	21C-0060	BENTON, DAVE	VP2MDB
21C-0012	MC DOW, R W	W4KOG	21C-0061	SMITH, MARLAN	KF9JZ
21C-0013	SCHUMANN, WILLIAM KASTUF		21C-0062	STAPLETON, DAVID W	W1GJV
21C-0014	WALTON, FRANCIS	W9ACU	21C-0063	LITTELL, EARNEST C	W8HQI
21C-0015	TROSTER, JOHN G	W6ISQ	21C-0064	TAFFET, MILTON S	W2ERJ
21C-0016	BROCK, GLOVER B	NG5R	21C-0065	YOUNG, RONALD	W6MHT
21C-0017	HERZER, RALF M B	DL7DO	21C-0066	MC FADZEAN, JOHN	W6TRP
21C-0018	FAULK, HUGH II	K4GVG	21C-0067	HEINEMAN, WALTER E	W2QR
21C-0019	STEVENSON, PAUL M	WB9UAD	21C-0068	VILMS, ULO	K4OV
21C-0020	STEVENSON, PHYLLIS	WB9UAE	21C-0069	HAWLEY, EARL V	W7LBK
21C-0021	LARSON, CARL H	WA0DFF	21C-0070	WILBUR, EUGENE H	K4FQJ
21C-0022	CRAYCRAFT, LOUIS	K8NUJ	21C-0072	LINN, FRED A	W9NZF
21C-0023	GRAY, JOHN D	W6UZ	21C-0073	LESSIG, LIN	K4SV
21C-0024	RICHARDS, WALTER N	KI6UN	21C-0074	SHAW, WILL A	W5ARV
21C-0025	Mc QUEEN, JOHN W	KL7AVX	21C-0075	WESTNEAT, ARTHUR S	W1AM
21C-0026	TREGER, HENRY J	W2AMS	21C-0076	STEPHENS, WAYNE L	W4AET
21C-0027	MILLER, WILLIAM R	K2GCE	21C-0077	PETERSON, MERLE B	W7LLS
21C-0028	KILLETS, HENRY E	W2CFY	21C-0078	SULSER, WAYNE	W0BQ
21C-0029	FISHER, JOHN M	K2JF	21C-0079	ALTMAN, JULIUS J	W2DX
21C-0030	HARRIS, CHARLES A	AA3BE	21C-0080	MAYER, GEORGE E	KP4BJ
21C-0031	MEYERSON, LEO I	W0GFQ	21C-0081	SMITH, RALPH L	W0LDF
21C-0032	TERRY, CYRL W	AA2GN	21C-0082	CONLEY, HARRY R	W5UY
21C-0033	ROBERTS, JOHN C	N2DSX	21C-0083	LINTHECOME, LOUIE W	K9EAT
21C-0034	BROWN, ARCHIE	G2WQ	21C-0084	SKINNER, WILLIAM W	W8ROV
21C-0035	JACOBY, GERHARD	DL3ME	21C-0085	HOGAN, ROY E	AC4ND
21C-0036	CRAYCRAFT, DAVID	W8TWB	21C-0086	RICHTER, ALLEN	W4PHL
21C-0037	CRAYCRAFT, MARK	K4BPJ	21C-0087	HALL, JOHN R	W5ETK
21C-0038	STEWART, WILLIAM F	K6HV	21C-0088	VELMAN, WILLIAM LOUIS	W6CRG
21C-0039	KEEL, AUBREY	KB0ZE	21C-0089	ANDREWS, STANLEY T	K6MO
21C-0040	JOHNSON, GERALD L	KE0KI	21C-0090	GONTARZ, ADDA M	W3QBZ
21C-0041	JOHNSON, A KENNETH	W6FU	21C-0091	EMBRY, JOHN H	W4RTE
21C-0042	BEARD, HERBERT E	W4JZV	21C-0092	BOOKWALTER, ROBERT L	W4NWF
21C-0043	WOLFE, IRVING, P	W5RQH	21C-0093	LUCCHI, GEORGE A	W6NVN
21C-0044	DITMER, JOHN G	W0ZV	21C-0094	CAGNEY, WILLIAM M	KH6GJC
21C-0045	CAMPBELL, CHARLES	W9UEM	21C-0095	BANEY, ROBERT S	W3UIU
21C-0046	SMITH, LELAND W JR	W4YE	21C-0096	DIEHL, EBER F JR	W7AMM
21C-0047	CHAET, JOSEPH GEORGE	W1RGH	21C-0097	NANNIS, ELI	K4JMH
21C-0048	FLICKINGER, WAYNE J	W5OEV	21C-0098	HEITHECKER, TED	W5EJ
21C-0049	MULBERG, JEROME	W2MJP			

OOTC Birthdays Reported

Month of September

1. DL7CT
2. W5OZY, KC4LWY, WA6TAL, W0AJC
3. W2NSD
4. W8GI, W8BRV, W3RMQ
5. VE3FKF, K4OD
6. W0CRN, N6FVJ, W8TCY, W4KOG
7. KE3CK, KP4BJ, W5IRP, VK3AMD
8. W4LLM, W5VGU, W3BR5
9. W6ZF, W3UHV, F6FJM, ON4GU, W7FIM, DL6TR, W2JQS, N4RRS
10. W1AJK, VE2IR, K0GOO, W8TIJ, W2LLT, W5PIJ, W5OVM, KD4LCZ, K2WW
11. W9DW
12. DL6HY, W5QXM
13. WB1FLO, W2CML
14. WA2PTQ, W7KTA, ZL2UH, WA4QJE, W4TZ
15. W6NBM, VE2HEG, DL3QV
16. W5CJ, W6GMC, VE3DSC
17. W1GKJ, W3KVS, DJ3HW, W1LIC, W0LK
18. WA6DWP, W5VQ, 2W1KSC, DJ1MX, WA6PJC, ex2AUS
19. W2LPA, W3ST
20. W2LS, W6FJT, DL5AAE
21. DL2DZL, NF5Z, SM7AST, W2ENF
22. W5EM, W8TZ, W5RQH, W0WK, W5UO
23. K4NP, W7IM, W5POG
24. W6JBP, DL1AN
25. K5TGE, W13J, VE2RO, KE3EZ
26. K4IKB, W5JNK, AI2X
27. W3JPT, K5TQN
29. WA6JRX, W4BD, KA2WQJ, WB8SNH, DL6II
30. W5CJE, W3FK

Month of October

1. W6GWY, KB5QFA
2. W1LRM
3. KV5K, W8WOJ, W6MFP
4. K5CP, K5INE
5. K5YJM, W6FMK, N0CB, KA5HCX
6. K6AWC, W6HDO
7. W5IQL, W5MD, W5JYK, DJ5QK
8. W9PPG
9. N6FR, W1EXZ
10. K4NF, N4VZD
11. W0QL, K7AIL, W4ZCT
12. W2ALU, NA4X, N4FG
13. W8DGO, VK3JI, W2ERU, DJ3OP
14. W9FBB
15. LU8BA, W4ZC, W9EGI, W2HI
16. K7DWT
17. W7FC, W8PBC, K4LFH, WA2IIB
18. W6MFC, W5OVH, W5CR
19. K8AN, WB6YVE
20. W9HB, W5IB, K1SRF
21. W9BUA, K6PJF, DL9IE
22. K0TIN, W9ROK, W1ERW, N6AF

20. W5RV, W6BNB, W7OA, W8KGD
21. DL6XW
22. W8QG, W9IZO
23. W0UGP, DL1NE, W6RHM
24. W8MEJ
25. KB7HI, K4HVI, N2AOX, W2EFT
26. N6EM
27. W9IX, W7GPS, DJ1PV, KG5CD
28. W4QJ
29. W6AUC, W2IAO, W3UITU, KG6NH
30. W6BW, W4GOV, KH6GJC
31. WM7C, W5VGW
- W4KB, W1DKS, PY1AFA, WA5HML
- W2NLJ
- W0JS
- HB9DFY, DL6GX

Month of November

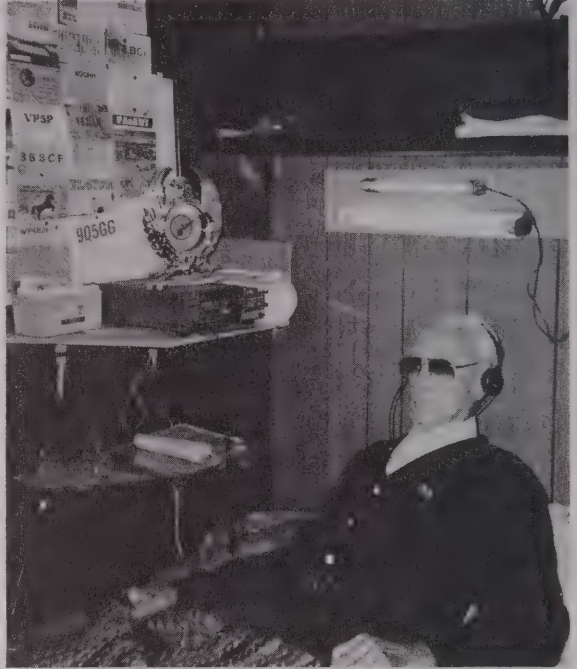
1. W3ABC, W5FYZ, N4OZN, K2JF
2. KA4WFS, W2BCH
3. W3BBL, W5IVF, W6WWP
4. N4ZH, K0WKS, W3UZ, W6TD
5. WA1EXG
6. VE3VTC, W3DNF
7. W2IAJ, AB4FQ
8. KD6LG, AL7MZ, KO8B, DL6RG
9. N0OYH, K1POM
10. W2FWA, W4OTN
11. W6OMM, W7BE, KO6D, K4GVG
12. K1CPW, W2XN, W6ISQ
13. W4AJZ, W9HOT, W4EMI, W6KZS
14. W6JNP, W8GSP, W1QUW
15. KORH, DL1EC
16. W5TTP, W6BPA, K5KR
17. W7EDT, VE3CNP, W2MQB, N2JCZ
18. WW7P, W4ER
19. W6EGR, W8VWY, AC4HW, W8HQI
20. K6EA
21. W7JU, N4GX
22. K6NB, W6OL, W7BIF, VE7YM
23. W1AGX, DL1LY, W5INL, WA7ZOO
24. W5FOZ, W2CFY, W8KLN, K2BHV
25. W3CGZ, N5WIZ, W4DH
26. N4BQC, KA2KFC, DL1BA, K6IR
27. W2HXG
28. W1BVL, W5HN, W9YZE, W6YHM
29. DL1XT, W4WLH, W8BQD
30. VK4SS, KK4ST, VE5AAS
- W8MFP, W8DFV, W4NWF, W8BMJ
- W2LMS
- W6FCD, W2CVF, W9AND, KF9JZ
- GM0FIQ, W3GRK
- W6BDE, W2ILB, KB4BSO, K6VL
- KA5TUF
- W4DQT, W8OK
- W1DGN, W5OEV
- W4NR, W1HRJ, W1ESN, W6FU
- W7AMM
- W6TMY, W5SIW, W2JGR
- KC5RZ, K6WX

Happy Birthday, OT - did you get all the candles out in one shot? If we have your birthday wrong please give us the word and we'll try to get it right the next time!

Meeting Our Members

Meet **Kennard D Wilson, W6DIX (817)**, who joined OOTC on March 25, 1967. His first amateur license was OH6BWV, issued at Honolulu in November, 1926. Ken was a flying Radio Operator for the USAF Arctic Patrol and involved in the first air to ground radio communication with the call AB6 on 5550 kHz, 1922 - 1927. He used a wind-driven 800 cycle generator for the 200 meter spark. His first aircraft was a WW-I NBS and his last aircraft, a B-17 covering 36 years of duty in the Air Force.

Now a little up to date on this gentleman: the picture shows Ken at his operating position. Things aren't the easiest, but he still operates CW. He lives in a Senior Citizens Park and so his only antenna is a Ten-Tec whip fed by the 440-S. Ken says, "I hope all is well with all OOTC members. I'm 93+. Have had two throat operations recently, arthritis in both legs and cancer of the right kidney, complicated by slight diabetes!" Well, as you can see, Ken's operating does meet with some pretty severe roadblocks, but he still has a sense of humor,



and still operates when he feels up to it. Had some good DX on 21 MHz recently! All of us send our best wishes to Ken and congrats on staying on the air!

Ed Marriner, W6XM (1486) began his active wireless experience in 1924 while living in Long Beach, California where he with a neighbor boy learned the code and practiced with home-made sounders. He was first licensed in 1931 as W6BLZ and it was shortly thereafter, in 1933, that he made a trip to New Zealand as a deck boy on a Norwegian oil tanker. New Zealand had brought him many thrills as he contacted many ZL hams in his early-day DX work. Now to his story of this adventure.

"After 33 days at sea swabbing fish oil on steel decks, we rounded the tip of New Zealand, coming into Dunedin harbour. Tied up at the dock, a young fellow named Williamson came aboard the M/V South Africa just to look around. Although he was not an amateur, he showed an interest in radio and through him I found out the BERU Award was to be presented that night at a "Beano". I obtained shore leave and my guide took me to the club meeting which left memories for me lasting down through all of these years.

As a youngster of 18, everything in a foreign land held a wonder to me. I was especially intrigued by the word 'Beano' - in the USA a ham get-together is called a hamfest, or a convention. In New Zealand, it was called a 'Beano'. Upon arriving at the beano I was impressed by the members wearing orange and black striped blazers and small caps, which was unusual. As the doing went on the beer barrel finally drained down to a drizzle and became empty. About this time some one yelled 'there's a Yank ham in the crowd', and I was immediately lifted upon shoulders and transported to the stage. The beer spigot was duly removed from the barrel and presented to me with much ceremony, stating that the previous spigot had been given to a radio operator on the Byrd Antarctic Expedition.

After the beano I signed autographs on napkins, table cloths and every slip of paper, with autographs being given in return. In my scrap book the signs of the following amateurs are still legible: Ghandi, ZL4BU; Cornell, ZL4BV; Sampson, ZL4AC; Shrimpton, ZL4AO; O'Grady; Stewart, ZL4CI; Juline Julia, ZL4BV; Harrow, ZL4BS; Robinson, ZL4AC; Ballard, ZL4BJ and Stroud, ZL4AD. I wonder if any are still living.

Leaving Dunedin we proceeded to Auckland and I still remember the anticipation walking up Queen Street to visit ZL1GX at his store. He later took me to visit ZL1AB and many commercial broadcast stations.

I want to emphasize how a little hospitality so long ago has been remembered by a Yank amateur through all these passing years, and always hoping to visit the ZL land, down-under, again.

Meet **Charles F. Anderson, W1ACB (2487)** who joined OOTC on February 17, 1984. Charles first got on the air while serving in the US Army, WVJN at Noumea, New Caledonia. He enlisted in the Army in October, 1940 to get his one-year of service over. He was with the YD at Camp Edwards and shipped overseas less than a month after Pearl Harbor. He worked point to point high speed CW circuit from WVJN (FK8-land) to NPM (Hawaii) and then from WVJN to WVY in San Francisco. Later he transferred to the 7th US army Air Communications Sqdn and from there to Fort Monmouth of OCS. He was then sent to DBI, Ceylon where he was the Signal Liaison Officer for the Supreme Allied Commander, Mountbatten, until late 1945, when the war ended.

Had been interested in radio in the early 1930's and built several receivers, but never got into amateur radio until the mid 1950's when I had the place, the time and some money . . . became a confirmed CW DX hound, chasing the rare ones almost all the time with my pea-shooters - have never used more than 100 watts. Belongs to the ARRL, has DXCC and says he likes to shoot the breeze on CW, or phone, but, have always loved CW (I think it is an art form). My post-war occupation was as Service Manager at the South Shore Buick for 17 years, then Salesman for the same outfit for the next 20 years. Retired in 1983. As Charles wrote the above he remarked that he plays tennis, winter and summer alike and that he loves every minute of life, and enjoys living it!

Meet Lewis W. Dickerson, K6BPB (3163) whose xyl is licensed too as KA6SJK! Lewis graduated from High School in 1941. He served in the Naval Reserve from February 1943 through March 1946. He served in Okinawa in 1945 and 1946. After the war activity, Lewis married in July, 1946 and now enjoys two daughters and five grandchildren. He earned a BSc in Electrical Engineering from the University of Nebraska in 1953 and worked part-time as transmitter engineer of a 1 kW AM station during 1951-1952. In 1953 he worked as a design engineer for Collins Radio in Cedar Rapids, then to KAAR Engineering in Palo Alto, California and with Lockheed Missile and Space Division in Palo Alto. He joined NASA in 1962 at Ames Research Center, near Palo Alto and was a member of the Pioneer Project team of the on-board radio communications system. These were interplanetary spacecraft. Lewis says he never operated phone until 1976, says he's a slow thinker and can keep up with a QSO better on CW (come to think of it, I believe that's why I like CW too - Ed). Says he enjoys rag chewing and contesting, in particular CW Sweepstakes and the California QSO Party>

Member Henry Paul Bohan, GMØFIQ (2744) of Kemnay, Aberdeenshire, Scotland. Henry enlisted in the Royal Air Force at the minimum age and served from 1936 through 1947. In 1947 he began his association with the British Overseas Airways Corporation as a radio engineer servicing aircraft and ground stations at Wadi Halfa and Malakal in Sudan and at Asmara in Eritrea. In 1950 he joined the British Broadcasting Corporation as an engineer on shortwave transmitting stations and television transmitting stations. He spent a six-year spell with the Federal Broadcasting Corporation of Rhodesia and Nyasaland at Lusaka and Kitwe. He terminated his association with the BBC in 1978 after which he devoted six years to the Language Laboratory at Aberdeen University. He retired in November, 1986. Henry is a member of the European Chapter of OOTC.

Meet Member **William H. Pearre, K5MMP (2544)** who began his communications experience in the Army Air Corps/Army Air Force at Lowry Field, Colorado in April, 1944, as flying Radio Operator and Mechanic. Following his service there, he was transferred to LORAN Navigation School at Reno, Nevada. Upon completing his training at that point, he was sent to Mohanbari, India for flights over the Hump to Kunming and Luliang, China, carrying aviation gasoline in 55 gallon drums until the Hump was shut down. Bill's last service was at Hickam Field, Hawaii in passenger service over the Pacific between Tokyo and the San Francisco area. Bill and his wife, Margaret (K5MXO) reside now in Houston, Texas.

As we were finishing up this edition of SGT, at the very last moment, Lee Knirko, W9MOL sent word of the death of Ero Erickson, KA9DYS on September 4, 1993. Services were held September 7, at Irvingwood Acacia Presbyterian Church, in Chicago. Ero was the current Director in OOTC for the 9th FCC call district. He has been active in communications for many years. He has been a prolific writer and his stories written under the title "Wind Static" are legion. We shall miss him greatly!

Robert H. Brown, N7DGZ (2523) was first on the air in 1937 with the call W6PDN. Robert graduated from the Fresno, California High School in June, 1941 and received his A.B. from the University of California (Berkeley) in June, 1944. He served the U. S. Navy as Japanese interpreter from June, 1944 through August, 1946. Re-entering the scholastic field, he received his Ph.D. in Physics from USC in January, 1952. Robert was assistant Professor of Physics at Princeton during 1952-1953 and then to the University of New Mexico September 1953 through June, 1956 as assistant Professor. He became Assistant Program Director, National Science Foundation serving from June, 1956 through August, 1957 and then back to the University of California serving as assistant professor, Associate Professor and then Professor of Physics at that University until July, 1982. He was named Professor Emeritus in July 1982.

Other activities included a Fulbright Scholarship, a Guggenheim Fellow, as a visiting Scientist, Royal Geophysical Observatory, Kiruna, Sweden in 1963-1964 and a member of Phi Beta Kappa, Sigma Xi, Pi Mu Epsilon

From **Frank S. Sherer, NØSTR (3155)** pointed out that his *existence had been uneventful and very common. We'll leave that to you to decide.* Frank graduated from Petaluma High (California) in June, 1935 and took a Degree as B/S in Civil Engineering from a San Francisco College. He was married to Maureen Ramsey in August, 1939 (still married). In November, 1940 his draft board suggested he join the military but he decided not to do that and instead went to sea as an ordinary seaman with the U. S. Merchant Marine. During WW-II he attended and graduated from the U. S. Merchant Marine Officers' School at Alameda, California earning his Third Mate's License.

"In 1947 I went to work for the City of Corona, California and in a short time was appointed to the position of Ass't City Engineer. Nine months later was appointed to position of Director of Public Works. My wife was experiencing problems living in southern California so we moved to Utah in 1951, where I went to work for the Utah State Road Commission as Resident Engineer. After four months I was promoted to Chief Traffic Engineer. The State sign shop, all highway signing, traffic marking, all highway lighting and re-designing of hazardous conditions, changing the designs to eliminate hazards were part of my job. After four years in this position I resigned to enter private practice as a Registered Engineer in 5 states. It was a lucrative business, but I preferred the sea. When our son had completed 2 years of college, I went back to sailing. From 1965 to 1980 I sailed as Master under six flags - The United States, British West Indies, Panama, Liberia, Guatemala and Venezuela. I have completed over-seas assignments, 1 year in Israel, 2 years in Brazil, and 1 year between Colombia, Scotland, South Africa and the Island of Mauritius. The various companies furnished living quarters for the wife and myself."

The only way to keep your health is to eat what you don't want, drink what you don't like and do what you'd rather not!

- Mark Twain



Above, Meet new member, **Bill Henneberry, KN2X (3166)**. Bill began his communications career in 1932, and at age 18, joining the Navy. His notes to us were pretty brief, so if we mess things up, its because we were a little dumb. Anyway, his Navy careeer began in 1940 with service on Trenton (CL-11), followed with duty aboard the Houston (CL-81), the Manchester (CL-83), the Strickland (DER-333) and Rodman (DMS-21). In 1956 he received his appointment as Warrant Officer and Served on the Castor (AKS-1) and the Springfield (CLG-7). In 1961, his Naval duty ended, he returned home and became associated with Technical Materiel Corporation. He worked with RCA during the period 1972-74, then began teaching in the public schools during 1974-1983. He is a member of the AWA and became a licensed ham in 1978.

Meet **Josef Goschlberger, OE2JG (2857)** "At the age of 10 years - in 1940 - I built my first radio with two tubes (RE 074 d) following a wiring diagram. This medium wave radio and many detectors worked right away and nourished my enthusiasm for this hobby. Until 1947 I had no idea that there existed a group of radio-amateurs all over the world.

I learned the profession of radio technician through my master Rudolf RieB, ex OE5DA, through whom I was introduced to the world of amateur radio. However, at this time Austria had been occupied by the four allies and transmitting had been strictly forbidden. Among the U. S. soldiers were radio amateurs and about 10 had obtained OE13 calls. They helped us and those living in the US occupied zone were permitted to quietly transmit on the bands 20 m, 15 m, 10 m, 2 m and 70 cm. It was necessary for one to build all equipment by ones self.

On November 1, 1948 I made my first QSO with a G station. We were not pirates (Schwarzsender), but unlicensed amateurs. When the opportunity arrived I received my official license in June, 1954 with the call OE2JG. I am an active amateur on all bands between 160 m and 24 GHz, and a member of O.V.S.V. since 1948

Letters From Members

From **Juergen Bennoehr, DL1NP** a fine letter providing us with facts concerning proper addressing of mail to members in Germany. At the same time giving us a list of all European Members with particular reference to new zip-codes for all German members. This list had been prepared by DL3QY and sent to all members of the European Chapter of OOTC. In our preparation for the new OOTC Roster of Members, we have included the new zip-codes provided.

Just a few days earlier we had received a letter from Gerhard Hoffmann, DL7PH who also provided a listing of the zips, and who sent in a membership application for a new member. **Willy Dengler, DL3WX** became OOTC member No. 3161. Gerd said that he had been attending a Ham-radio meeting at Freidrichshafen and that it had been a good one!

Ray Cook, W1BXH of Cape Elizabeth, Maine sent his regards to all of OOTC. Ray hasn't been on the air for a year due to blindness. He hopes to get back on soon. He sent thanks for his birthday card!

Uncle **Milton Chaffee, W1EFW** sent a short note, as he often does, reporting on a Silent Key. This one reported the passing of K4JR, which we had not received previously. Milt says he's busy as a retiree ought to be - we know this to be a fact because he is one of our most loyal reporters of news.

A short note from **Hank Treger, W2AMS(2553)** saying he enjoys SGT and even finds words about old friends, such as Ed Stolenberger, WB4ODL. We'll try to keep 'em coming, Hank!

A letter from **Ed Dirling, K5JMN** reported on a great batch of DX he has worked lately. We're tickled that he is using CW too. Ed has established a personal relationship with a friend in Japan. They communicate regularly - JA6HKC, Tamotsu Izuno, who lives in Kumamoto near the southern end of Japan. Ed reports that "Tam" is an ARRL Member and has requested that we provide him with OOTC membership material. Ed expects to visit in Japan in 1994 and hopes to be able to make a personal visit to Tam's location.

Members Lost: In recent mail returned, we have noted the following members addresses on record no longer get the job done. If anyone knows of their location will you please advise OOTC so we can make a correction to get their mail to them! We are very sorry but it now appears that their listing in the Roster will be incorrect.

James H. Hampton, W8ZT (2412)
Leland L. Fuller, W6ONM (1149)
William L. Rogers, W9BMD (1115)

Otto F. Grapp Sr, K2FP (0399)
Louis R. Mele, W2EMW (0870)
Paul J. Skinner, W9QXR (2954)

A nice letter from **Bill Velman, W6CRG**. Bill just sent in OOTC dues and asked to be signed up for the 21st Century Club. He's in with #21C-0088! Bill says that among his earliest recollections was the desire to live in two centuries (a very few have lived in a three-century span). He says the Master Oscillator and Tank Coil still work pretty good, but the power supply is beginning to lag a bit. Even so, he'll try hard to make it. His present location makes it impossible to operate but, he expects to move to Iowa in 1994 and if he can get 5 acres, will string up a long-wire.

From far off Sweden, **Knut Almroth, SM5FH** sent note of appreciation for remembering his 70th birthday. Well, Knut, it is just as much fun sending the cards as it is to receive them. We sure appreciate your kind words.

From **Charles Richardson, VK3QY** - Charles reports that it's winter in Australia and the cold weather has slowed things up a bit. He also recalls that, "Many years ago I had the good fortune to spend some time in your area. As a member of the Australian Air Force, I was the Technical Officer of a team in the USA to purchase some Bell Helicopters. I was stationed in Fort Worth for quite a time. This was during 1962. I also had the pleasure of meeting a Ham employed by Bell. I have lost details of his call-sign, but recall he was known as 'Doc'". *Editors note: We checked with Ruth, K5YL, and she figured she knew who Doc might have been. She thinks it was Herman E. Becker who now has a new call. He is listed as KH6ILZ, PO Box 400014, Euless, TX 76040. Here's hoping you can get in touch with him, Charles.*

Mail sent to **Elmer Dishon, W6KLH** at Paradise, CA has been returned marked unable to deliver. If you know of Elmer's location, please send the info to OOTC HQ. Thanks!

From Bob Seymour, W0LK the story of what can happen on the ham-bands - "Last winter (1992) I was tuning around 15 meters looking for RTTY contacts. I heard W2QIP talking to a Japanese station. I knew that he used to be W9QIP who as a school mate of mine in Kansas City, Missouri. We both received our ham tickets at about the same time in 1938. I moved away from Kansas City that year, but we used to QSO on 40 CW occasionally. Our last QSO was in 1940. I went into the Army in March of 1941 and lost track of him. Anyway when he finished with the JA stations, I gave him a call and when he returned we had a great time remembering our days together in High School and catching up with all the intervening years. My call in Kansas City was W9WJS." *Ed: This is one of the great joys of getting on the air. You never know when you'll meet up with an old pal!*

The July issue of SGT listed the calls of more than 600 members who are supporting OOTC with regular dues payments. We were pretty well upset by the fact that we omitted the call of **Paul Stevenson, WB9UAD** who has been a constant supporter for many years. Our apologies, Steve!

From Ulo Vilms, K4OV (2449) Ulo speaks of the cost and complexity of amateur equipment these days compared to what we old timers used. "Direct conversion Receivers, or is everything old becoming new again? Many attempts have been made to improve the Direct Conversion receivers as simple and affordable devices for the beginning amateur. Some of the work has been really remarkable and commendable and has been published in QST. But being an old-timer (ES6E in 1937) I look at the complexity of the resulting devices and the number of needed circuits and components, both of which inverssely affect the reliability of any piece of gear and wonder whether 'we' way back then, did not do just about the same thing in a much simpler way.

Take our old 1930's tube type receivers, the O-V-1 meaning no RF stage, one detector and one audio or, the 1-V-1 with one RF stage ahead of the detector, to eliminate radiation mainly. The detector was really also a controlled Q-multiplier (only nobody knew it then) useful for AM reception, adding gain and selectivity and, when the Q-multiplier was made to oscillate (regeneration), it became an autodyne mixer (direct conversion) beating with the incoming received RF signal and, pure CW came out, and so will SSB.

Yes both audio images were there - but so far these have not been eliminated from any direct conversion receiver either. Any scheme to do this like a phasing type non-filter SSB receiver would simply multiply the complexity of the 'simple' receiver. A three-stage superhet would be simpler and better. Lack of rejection of strong adjacent signals plagued our regenerative receivers also, but probably to considerably lesser extent than it affects any solid-state front ends. Nor were tubes troubled by electrostatic discharges or spikes and were much more forgiving when something went wrong with the builders effort.

No, I am not pushing return to tubes, but just trying to compare the complexity we now have arrived at in order to build a simple solid state receiver to perform the same basic function - to hear the fellow you are trying to work! I seem to remember that with these receivers we worked DXCC and 40 Zones - and as amateur beam antennas had not as yet been invented, we did this with zepp antennas dipoles, long wires or Windoms, using 25, 50 or maybe 100 watts of power coming from one, two or three tube transmitters (plus AM modulators, for some). Were the watts then bigger or was the world smaller? Or were we just better operators? Sure, there are many applications where weight, size, convenience or operational agility can simply not be obtained using 'old' tube type design equipment but, I do think that for simple ham-type communicating, things surely have gone too far. Just try to come up with a parts count for a 50 to 100 watt output solid state transmitter as compared to the 'old' tube type design. And to benefit from the solid state agility and all the flags, bells and whistles and memories, we also now need DC-welder sized power supplies, forced cooling and finger-thick cables - antenna matching more correctly - transmitter matching devices - some of which are starting to cost more than the transmitter/transceiver its self. Something about alligators and draining the swamp comes to mind! Anyway, this is my opinion. What's yours?

Smile Time

The following items came from the pen of Sam Goldstein of Airborne Instruments Laboratory, Deer Park, NY, written in 1968.

Engineers are usually a little shamefaced when their spelling is corrected. One replied to my correction this way; "Oh yes, VACCUM! I have it in my head, but I just can't spell it."

And then the story issued by General Electric during WW-II emphasizing the importance of making instructions absolutely clear and complete; A British bombardier, on a raid over Germany, pressed the bomb-release button, but the bombs didn't drop--just fell into a dangerous position, and stuck there. If the bomber had tried to land with the bombs dangling, it would probably have blown up on contact with the ground. At the risk of his life, a member of the crew managed to jettison the bombs. When the plane landed, the cause of the trouble was investigated immediately. It turned out that an arm in the bomb-release mechanism was loose -- and it should have been tight. The maintenance man responsible was called in. "Did you know that this arm was loose?" asked the examining officer. "I did," answered the maintenance man. "What!" exploded the officer. "Why didn't you tighten it?" "Because," answered the maintenance man, "the instruction book said, 'Check to see if the arm is loose.' I checked it--and it was."

Bless the author of the dictionary that equated the meanings of *implied* and *infer*; the distinction was clearly demonstrated in this example: "When John phoned, he *implied* that he was working overtime on a big deal. From the music and giggling in the background, his wife *inferred* that the deal had nothing to do with insurance."

Some things have definitions so clear that they need no further explanation: A synonym is the word you use when you don't know how to spell the one you want to use. -- The electric chair is an example of period furniture; it ends a sentence. A purist is the kind of person who might drown while trying to phrase a cry for help grammatically - and then there was the student who, asked to illustrate a 'collective noun', provided the positive answer, "Garbage Can."

We hope this has lightened your day a bit!

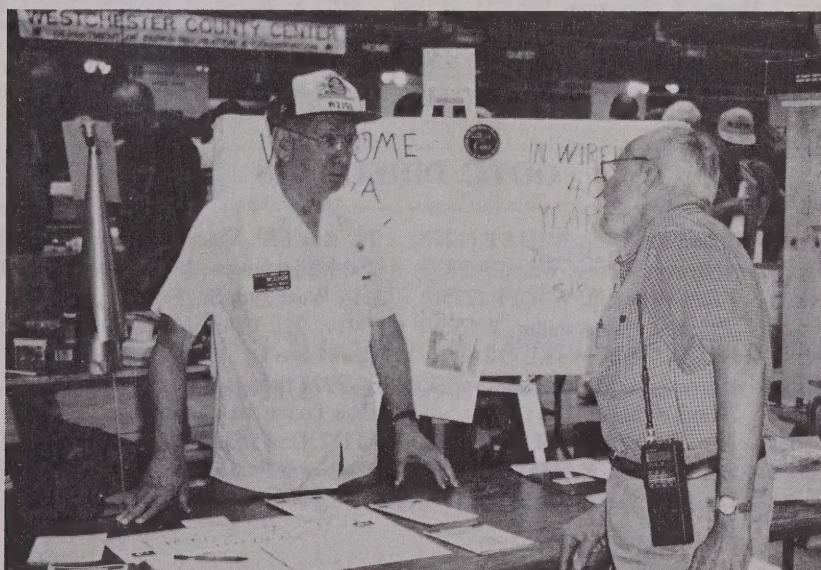
The Foundation for Amateur Radio has announced those who have been awarded scholarships for the coming year. There is a big list, 49 of them, I believe. We simply want to comment on the really fine job the Foundation does in this work. It is not easy to accept scholarship applications, study them and make good sound judgements on who will receive help and who will not. We have never heard a bad word on the work of the Foundation, and we don't expect to. OOTC will publish the complete list of winners in our December, 1993 issue of Spark Gap Times. If you would like information on the availability of Awards and any other facts regarding the program, write to:

Foundation for Amateur Radio
6903 Rhode Island Avenue
College Park, MD 20740



It is not often that we get pictures from Alaska, so we are celebrating as are John and Marcie Trent, KL7DG. Above, June, 1993, they have been attending their Grandson's graduation from the University of Alaska at Fairbanks. The picture taken as they enjoyed a few moments relaxing with a cup of coffee.

And now below, picture by NJ2J, meet a working OOTC Officer. In the picture below, at left is OOTC Vice President, Harry Moore, W2JQS holding down a welcoming table at the Hudson Division Westchester County Hamfest, August 8, 1993. The gentleman at right was not identified, but he was giving Harry a good chance to line him up for membership.



OOTC MEMBERS REPORTED AS SILENT KEYS

GREENE, OLIVER W	W1CPI 29	02/25/93
SAYRE, ALBERT G	W9MG 197	01/11/93
VAUGHAN, LOREN N	W5RV 321	01/11/90
LISTER, PERCY W	K4JR 467	12/11/92
WEIBLE, NORMAN R	K4HE 835	
DONALDSON, JOHN P	WB6NMO 1223	05/11/93
CURTRIGHT, GALE H	KØTYO 1444	01/11/93
WARE, TOM K JR	WØCF 1447	
BROWN, CARROLL MYRON	K4DD 1448	02/16/93
GOSSELIN, EDWARD A J	W1BCN 1461	05/11/93
WILSON, FREDERICK P	W1E1Y 1488	
NICULESCU, ION	YO3BEV 1615	
BRAMWELL, HERBERT D	G2RF 1775	07/19/91
CLARK, GENE EMMET	W6DQH 1992	01/11/93
LEVINE, DAVID B	WB4ESH 2081	11/22/92
HAMMER, RUDI	DL7AA 2251	05/07/93
CHARMAN, F J H	G6CJ 2303	09/25/92
HAUGER, OSCAR A	W1OK 2316	03/01/93
GAGNIARD, ANDRE	FD1JIR 2535	05/29/92
PHILLIPS, T ALLEN	W3DOG 2594	07/14/93
CZIBERE, MIKLOS	HAØHN 2650	12/23/89

The Old Old Timers pause with regret and sorrow at the passing of these, our friends and associates who have become Silent Keys. Our condolences to their families and personal friends.

Date of passing when shown, is best information available. If errors exist please notify Headquarters to make a proper correction

OOTC OFFICERS

President - Harrys S. Gartsman, W6ATC (1559) - 9921 Sunset Blvd, Beverly Hills, CA 90210
 Vice President - Harrison Moore, W2JQS (2332) - 260 Millard Ave., N. Tarrytown, NY 01591
 Treasurer - Lee Knirko, W9MOL (2914) - 833 Park Plaine, Park Ridge, IL 60068
 Executive Secretary - Ted Heithecker, W5EJ (1263) - 1409 Cooper Dr., Irving, TX 75061-5527

OOTC DIRECTORS

1st District - Duncan Kreamer, W1GAY (1783) - PO Box 637, Vineyard Haven, MA 02568
 2nd District - Harrison Moore, W2JQS (2332) - 260 Millard Ave., N Tarrytown, NY 01591
 3rd District - Paul Gerbracht, W3QPP (2750) - 2114 West 29th St., Erie, PA 16508
 4th District - Robert L. Bookwalter, W4NWF (1750) - 728 Valencia Rd, Venice, FL 34285
 5th District - Leland Smith, W5KL (1214) - 10 Hawthorne Dr., Harrison, AR 72601-2302
 6th District - Harry S. Gartsman, W6ATC (1559) - 9921 Sunset Blvd, Beverly Hills, CA 90210
 7th District - John Trent, KL7DG (2586) - 1700 East Tudor Rd., Anchorage, AK 99507
 8th District - John E. Hoffer, W8CWY (1399) - RFD2, Box 165, Wellsburg, WV 26070
 9th District - Ero Erickson, KA9DYS (2223) - 4024 North Pioneer St., Chicago, IL 60734
 0th District - Leo I. Meyerson, W0GFQ (0707) - 1210 North 97th Ct, Omaha, NE 68114

PERSONAL DATA

Name _____, Call _____ OOTC No. _____

Telephone _____, Nickname/Handle _____

Other calls and dates _____

Married _____, Single _____, Widower _____, Widow _____, Children _____

Military Service: Branch _____, Regular _____, Reserve _____, Retired _____

Served From _____, to _____, Rank _____

If married, name of spouse _____, call, if any _____

Highlites of your career - background story: _____

PLEASE RETURN APPLICATION TO: OOTC INC, 1409 COOPER DR, IRVING, TX 75061

The Old Old Timers' Club - We'd sure like to welcome you as a member!



The Old Old Timers' Club

1409 Cooper Dr., Irving, TX 75061-5527
214 438 8038

Membership Application form
National & International
Effective May 1, 1993

Membership Number _____

Date _____

Ledger _____

Name _____, Call _____

Address _____
Number Street City State/Province Zip

Date of first wireless communication _____

Nature of contact: Amateur _____, Commercial _____, Military _____

Amateur Call First Used _____, Date of First License _____

Date of Birth _____, Birthplace _____
Month day Year

SCHEDULE OF MEMBERSHIP FEES

OOTC New member Enrollment Fee ----- \$5.00

OOTC Annual Dues (all members) ----- \$10.00

Minimum new member enrollment, \$15. Annual dues are welcomed in any multiple of \$10
Membership Certificate and pin is included in the Enrollment Fee. All funds
payable at a U. S. Bank

ELIGIBILITY REQUIREMENTS

One must have had communication via wireless at least 40 years previous to filing an OOTC membership application. OOTC recognizes your first two-way communication via electronic means whether through amateur, commercial or military operation. Where possible please provide proof of such operation. Full membership in OOTC requires that you have a valid amateur station or operator license at the time of application.

OOTC wishes to have extended information about each member, his/her electronic activities and background. Such information becomes a permanent and important part of your record as a member of OOTC, making it possible for us to write of your life work and experiences. We will greatly appreciate a small photograph (2" x 2" is fine). Please complete the personal data questionnaire on the reverse of this application!

Your Signature _____

Sponsored by _____, Call _____